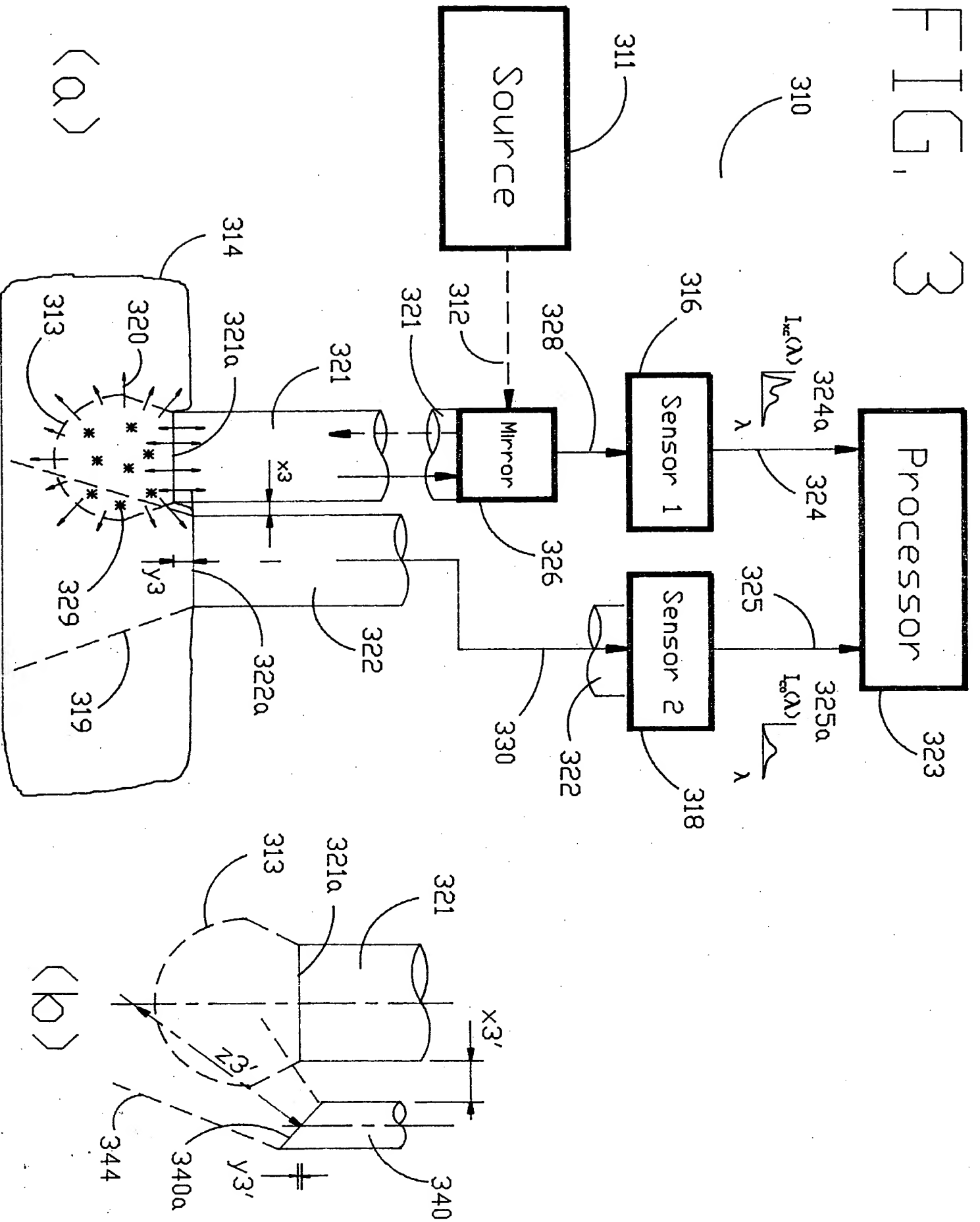
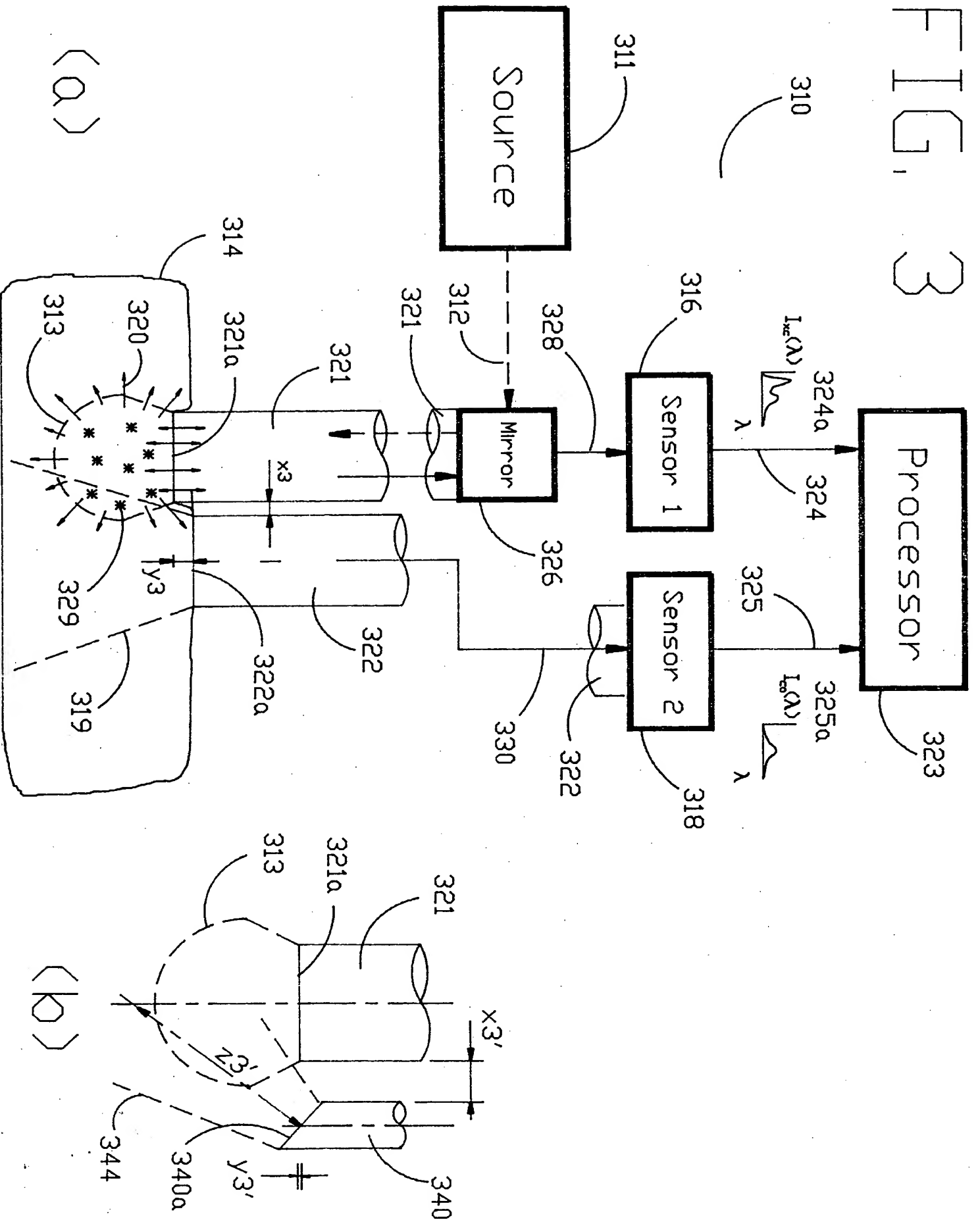


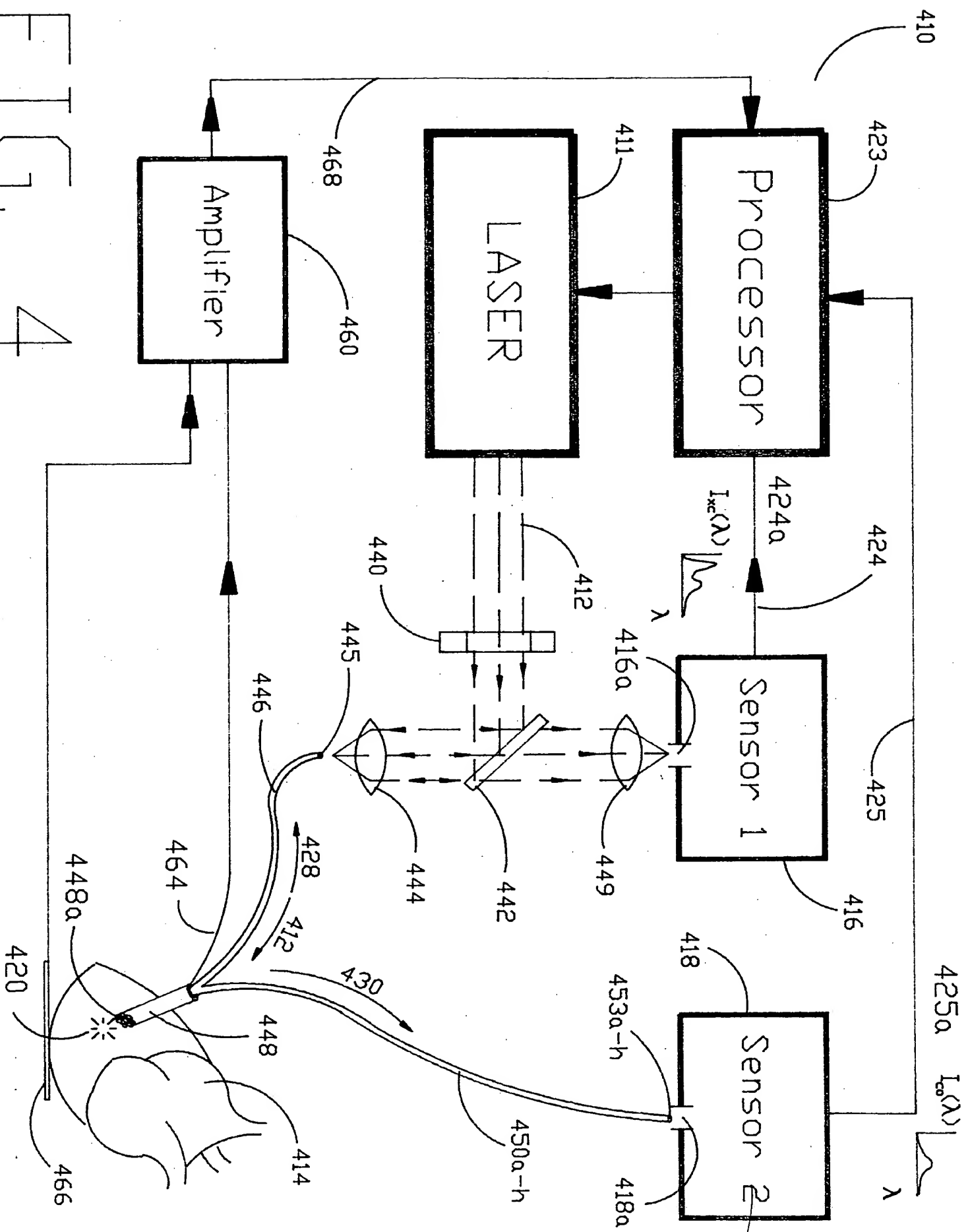
FIG. 2



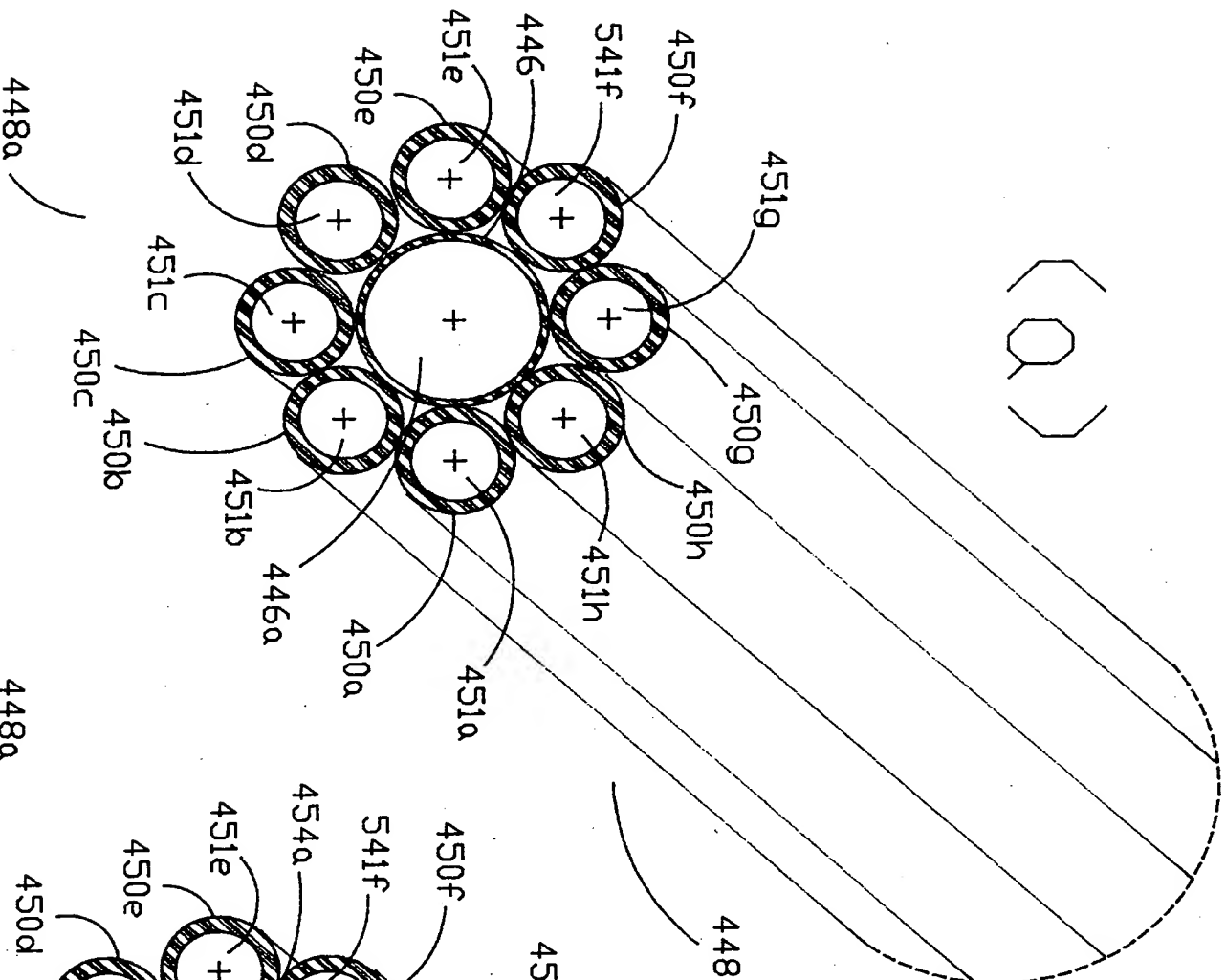
3



3



(a)



(b)

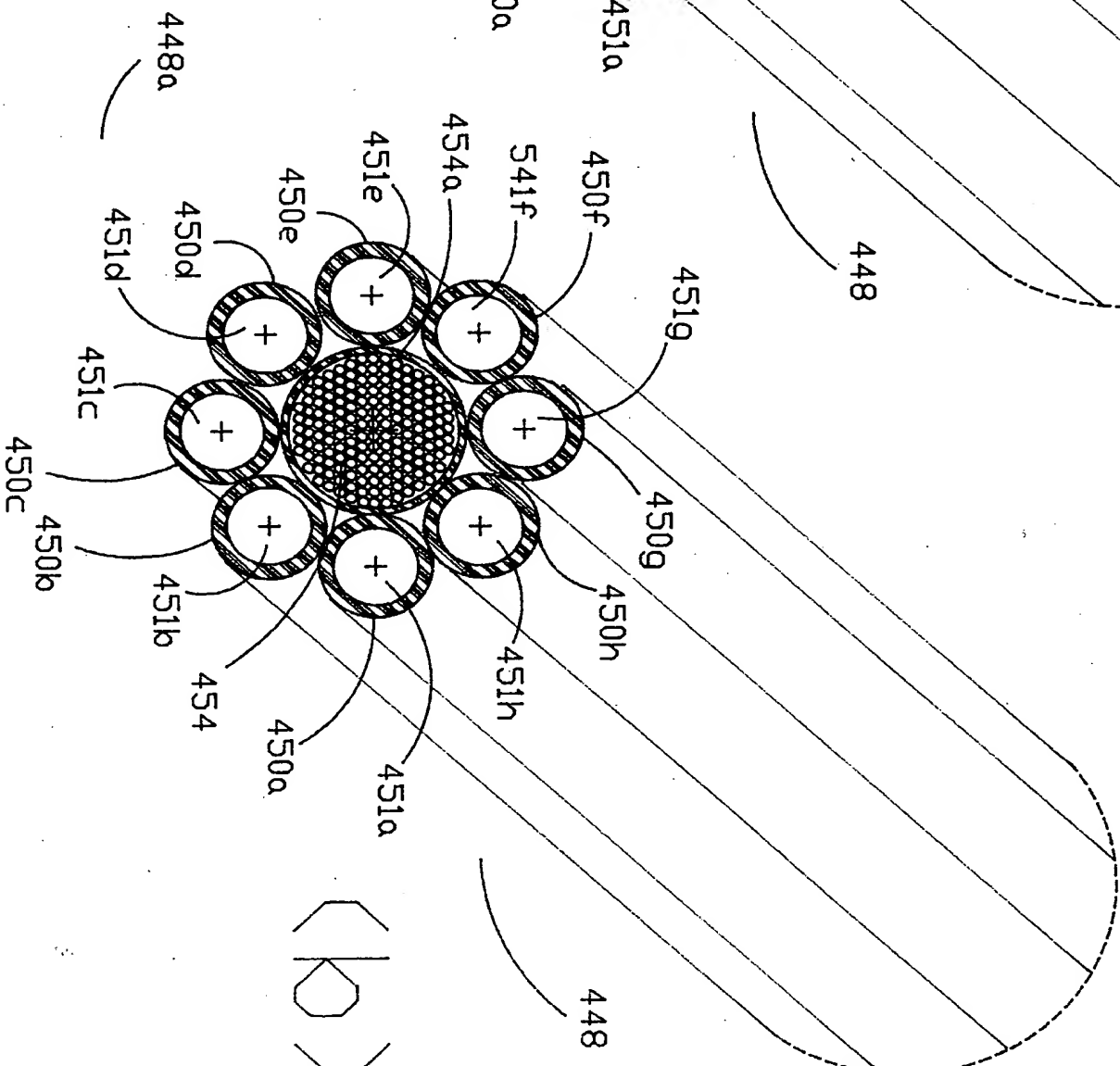
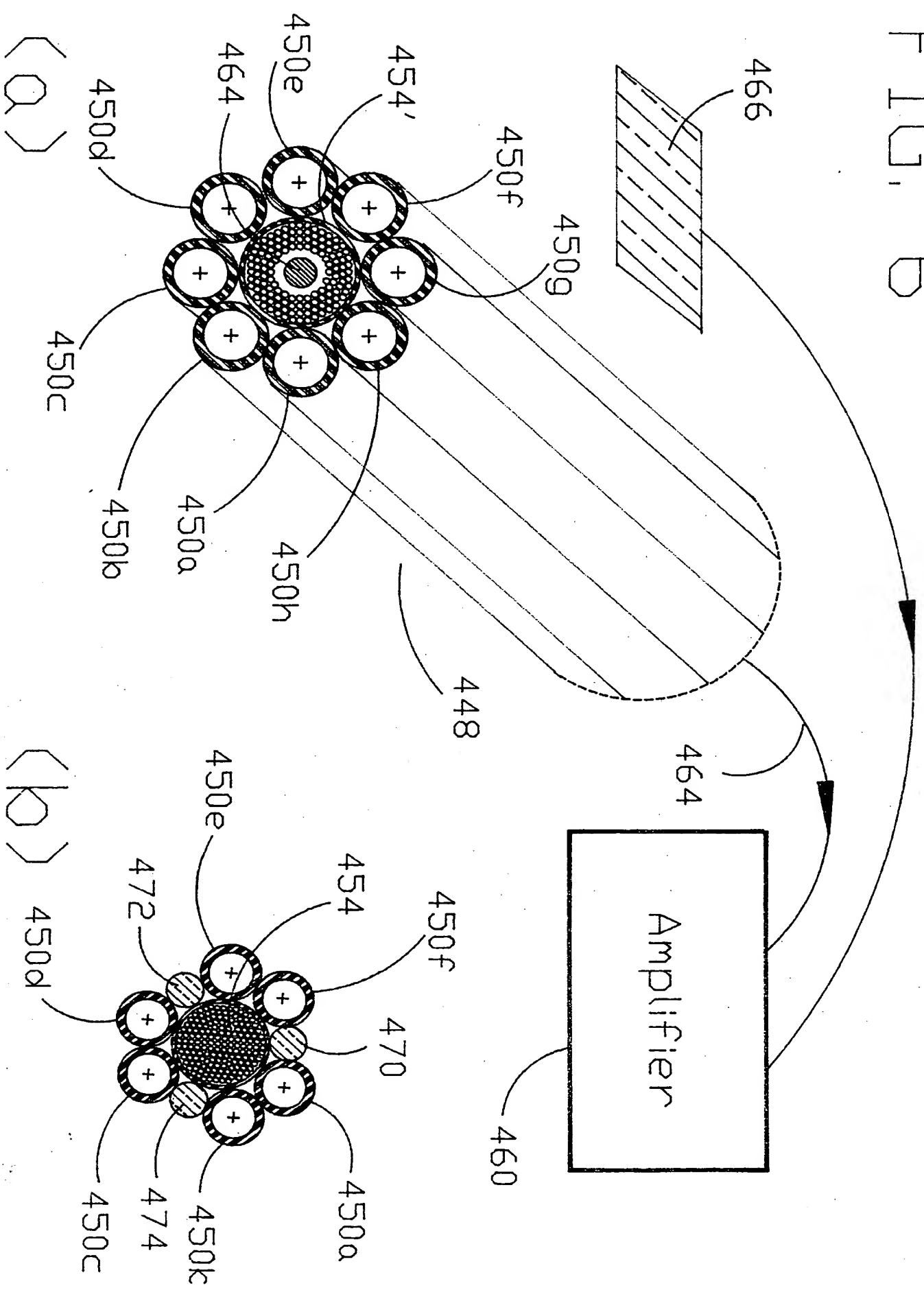


FIG. 5

FIG. 6



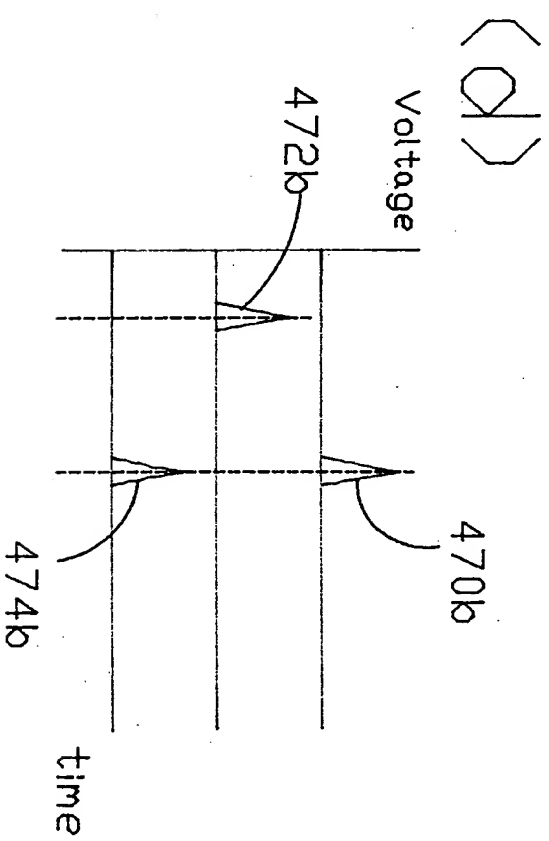
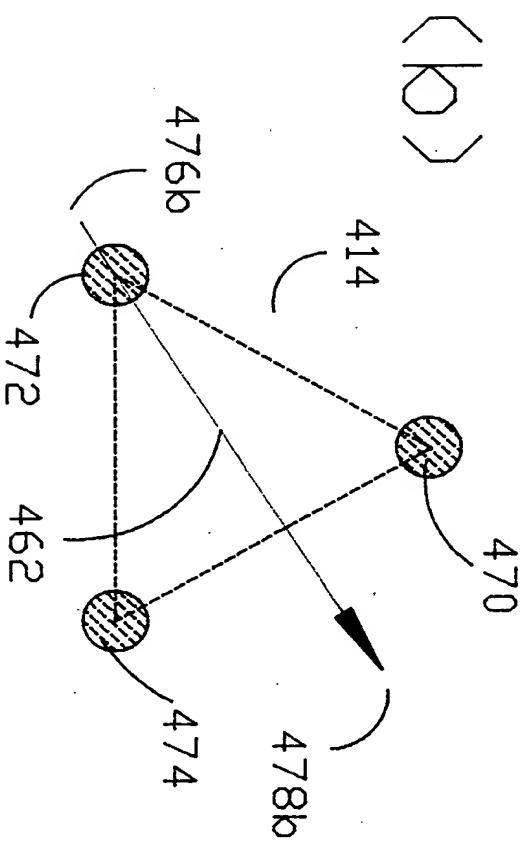
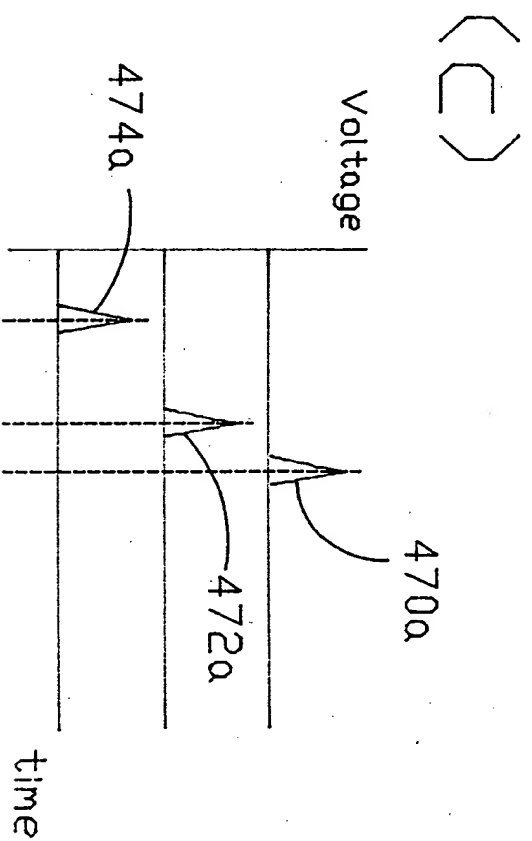
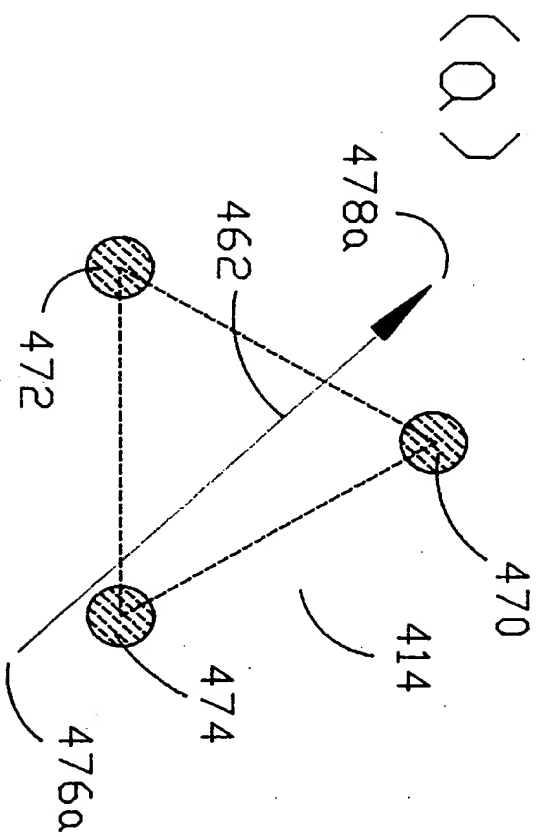


FIG. 7

FIG. 8

To /from the
optical system

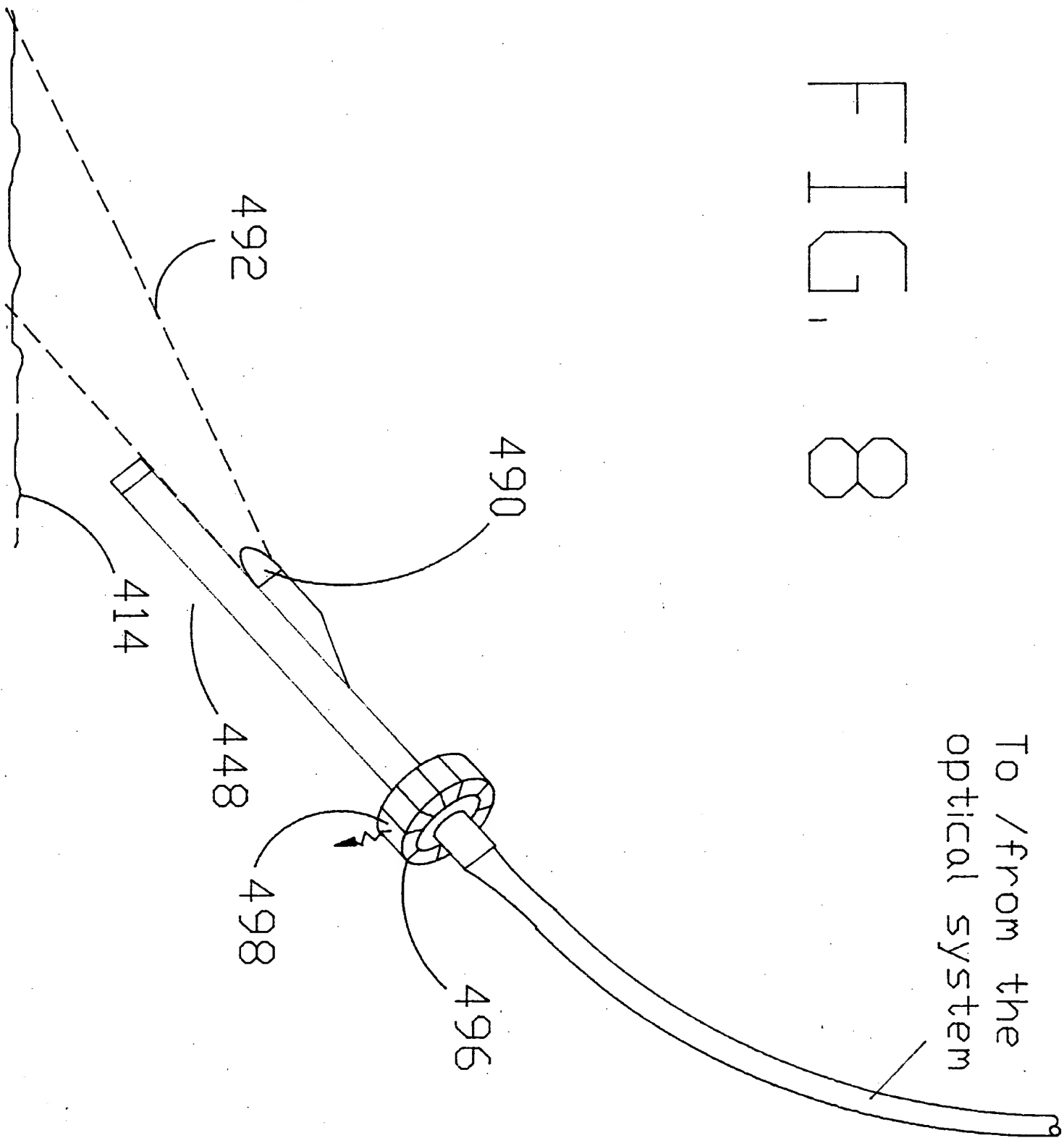
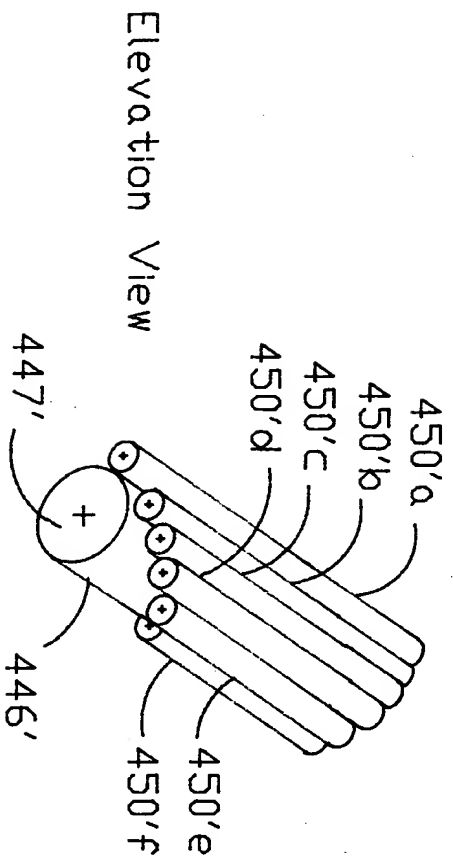
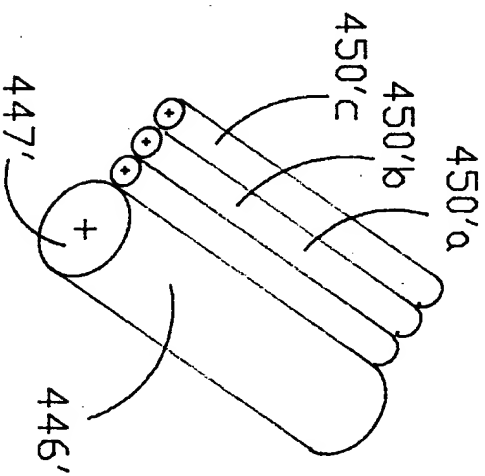


FIG. 9

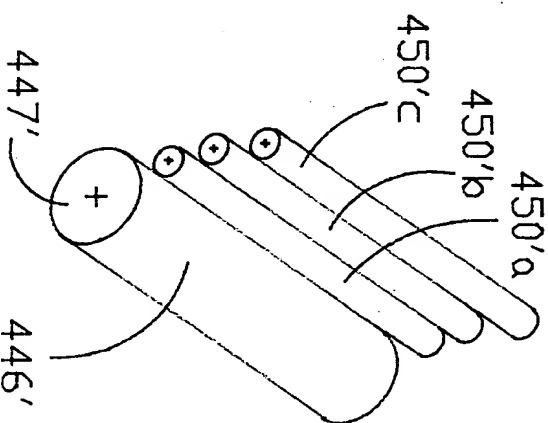
(a)



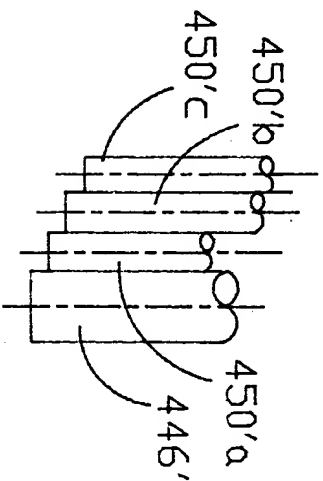
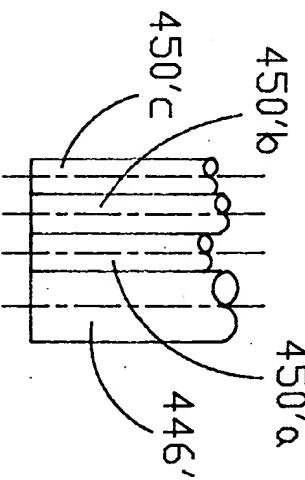
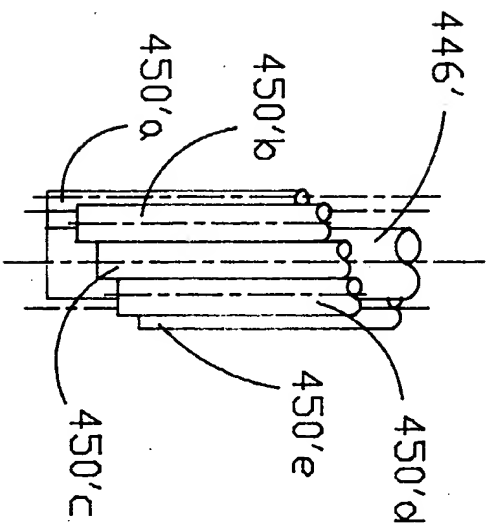
(b)



(c)



Side View



Bottom View

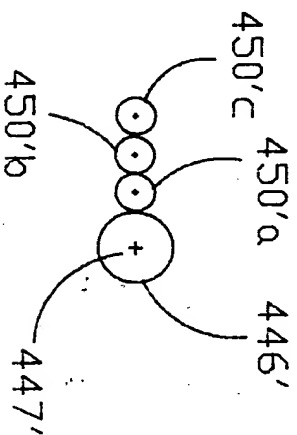
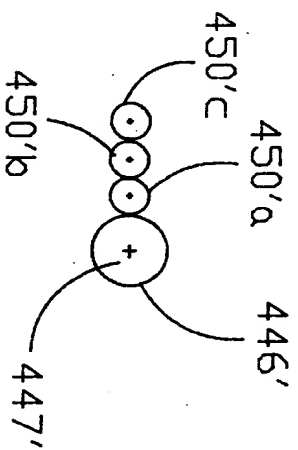
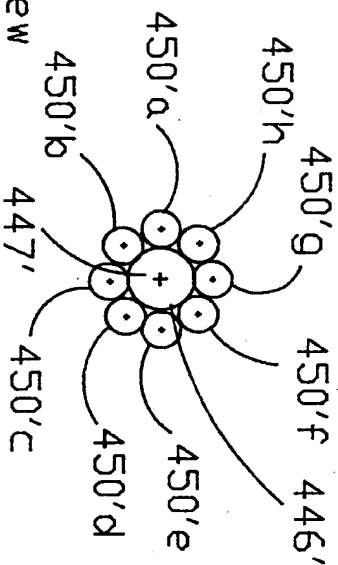
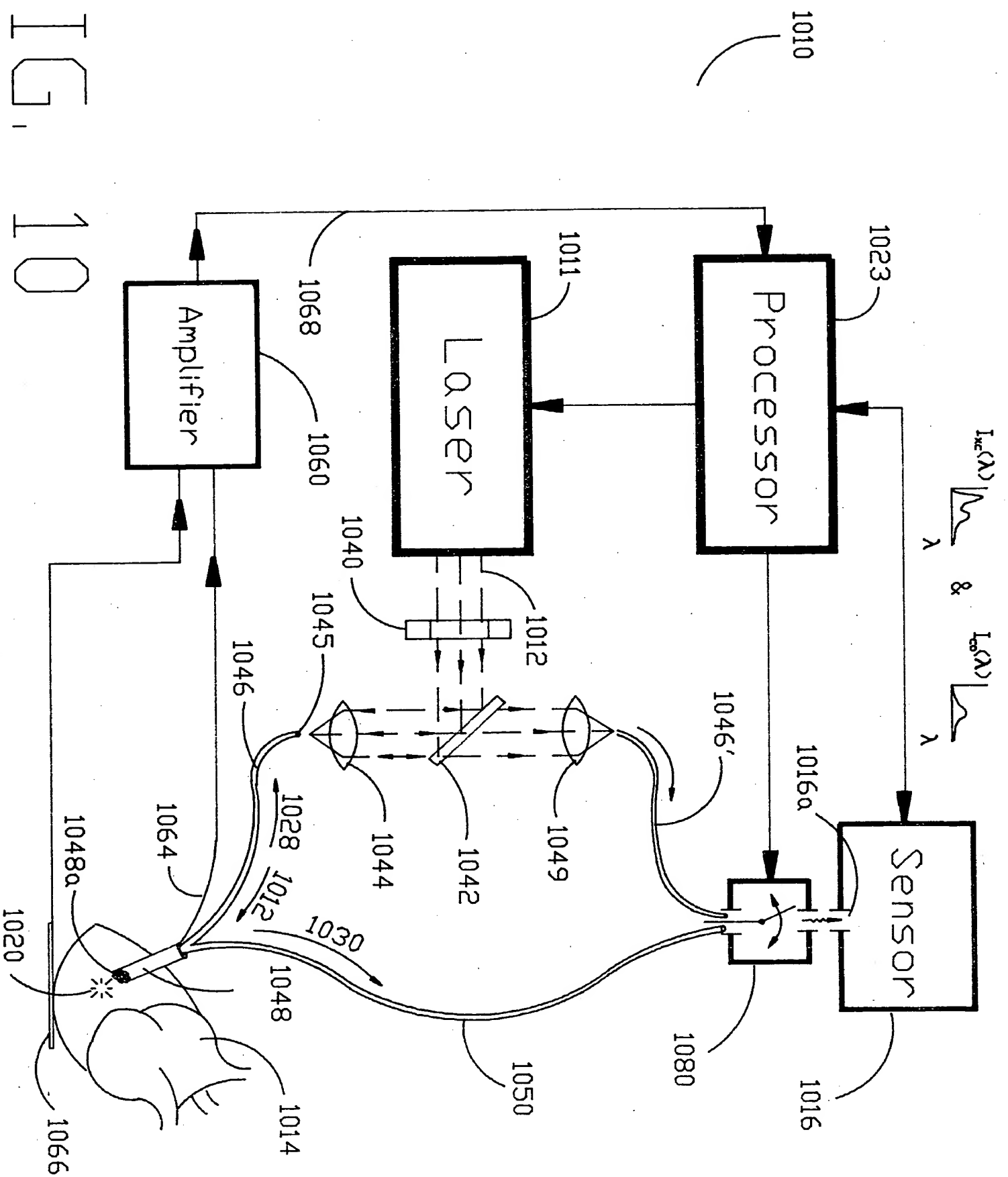


FIG. 10



LIF spectrum
acquired by the
first detector

$I_{c1}(\lambda)$ or $I_{xc}(\lambda)$

Correction for the
wavelength dependent
instrumental effect

$I_{c1}(\lambda)$ or $I_{xc}(\lambda)$

Determine the
attenuation of
the sample

$\alpha(\lambda)$

Correct the LIF
for the effects
of attenuation

$I_T(\lambda)$



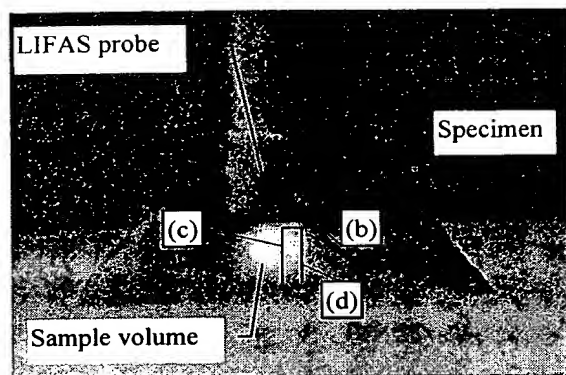
LIF spectrum
acquired by the
second detector

$I_{c2}(\lambda)$ or $I_{co}(\lambda)$

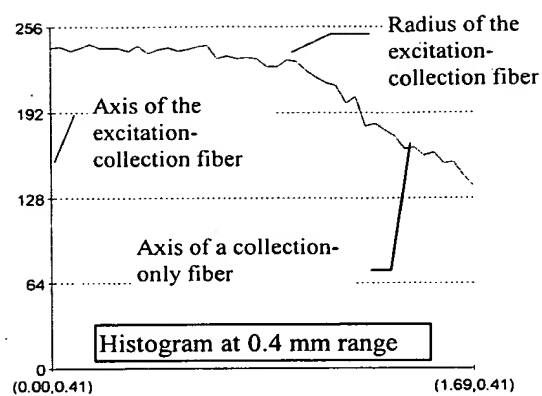
Correction for the
wavelength dependent
instrumental effect

$I_{c2}(\lambda)$ or $I_{co}(\lambda)$

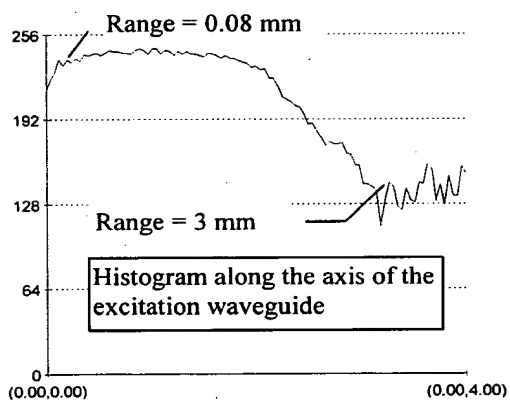
FIG. 11



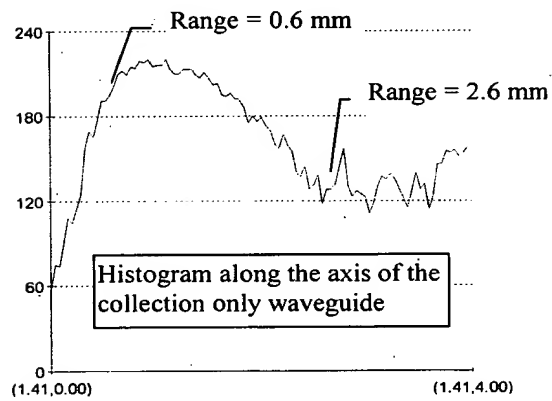
(a)



(b)



(c)



(d)

FIG. 12

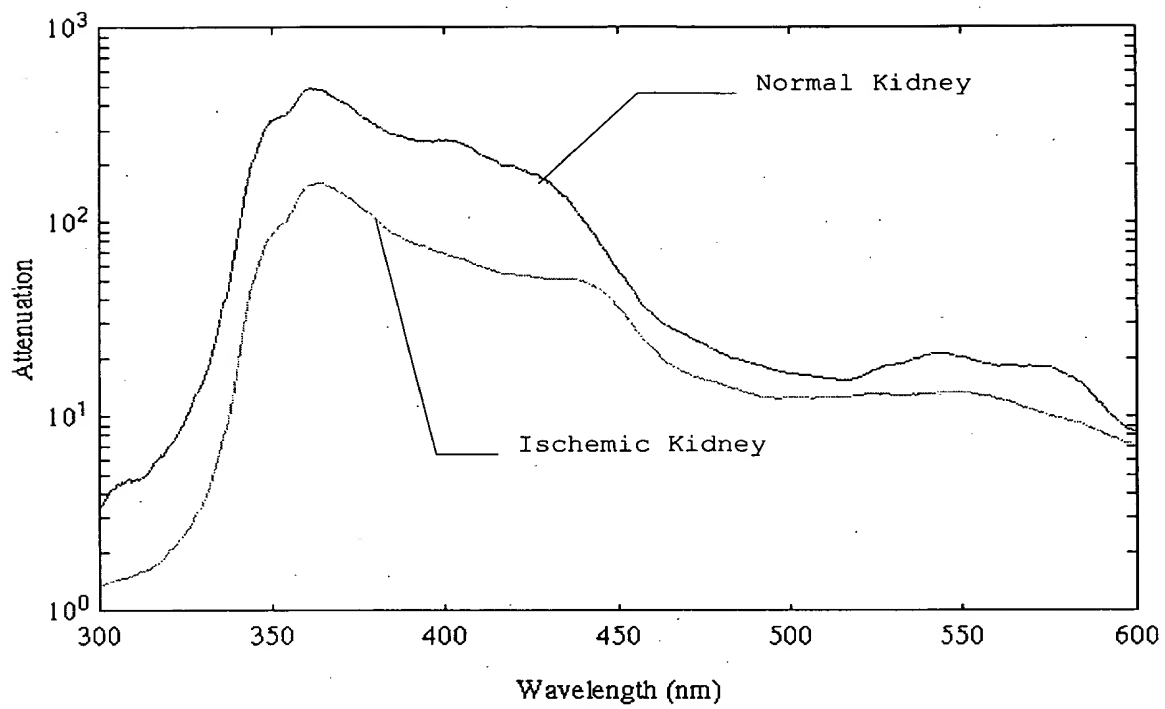
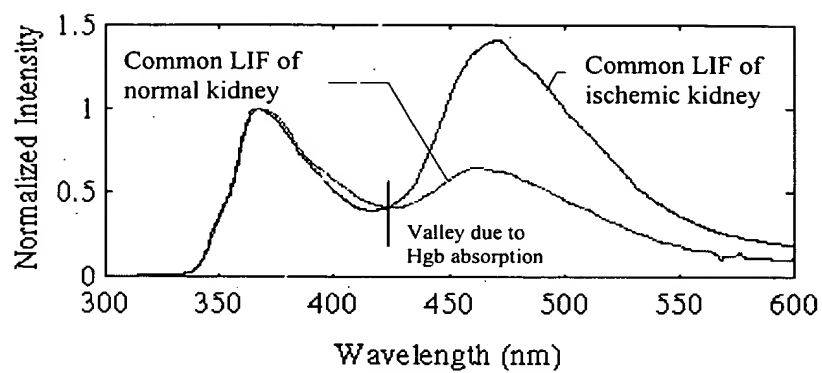
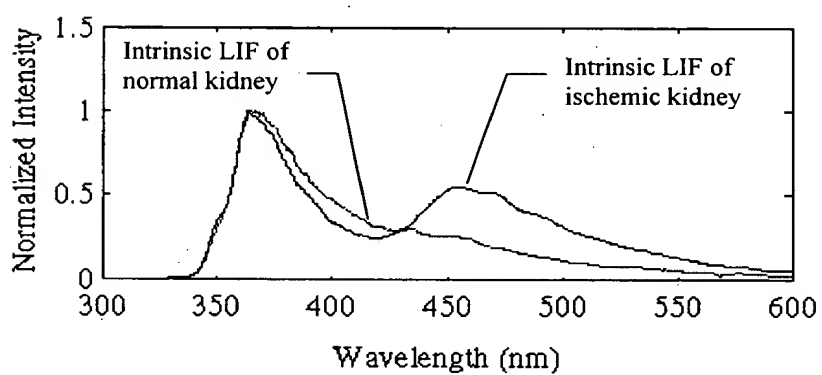


FIG. 13



(a)



(b)

FIG. 14

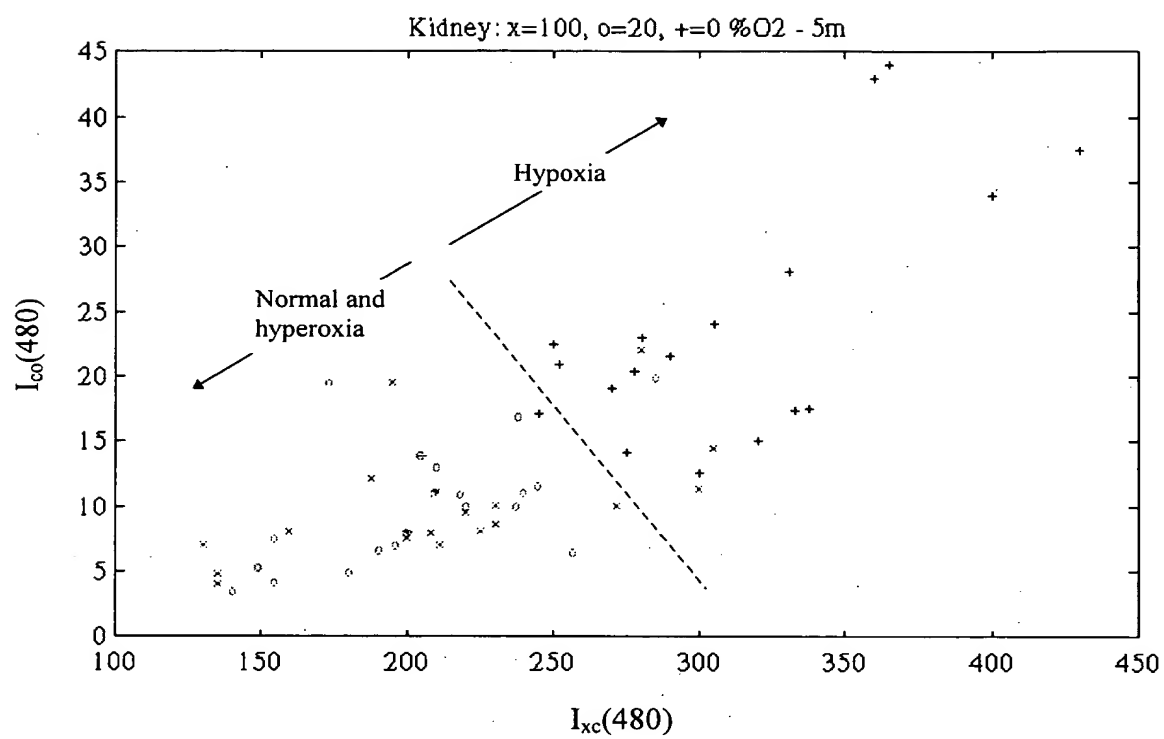


FIG. 15

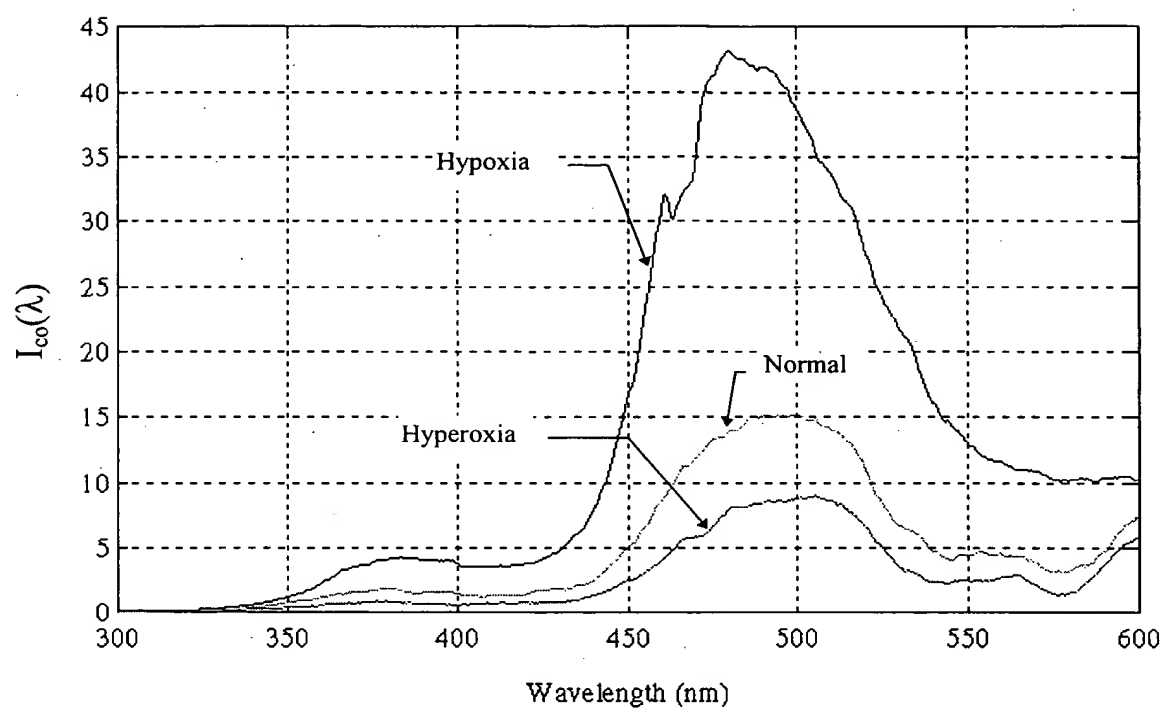
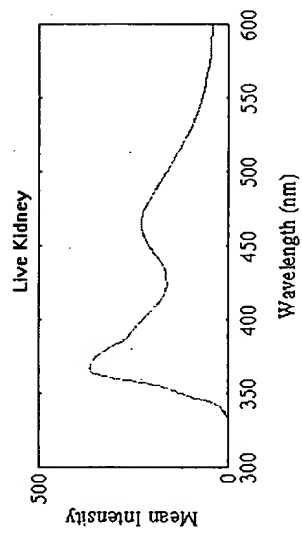
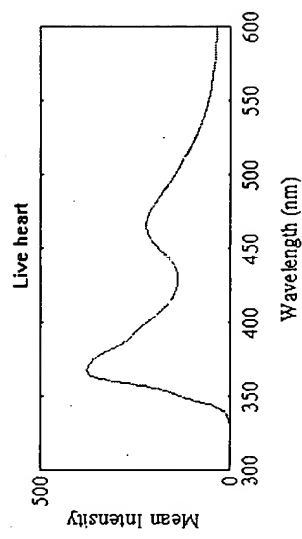


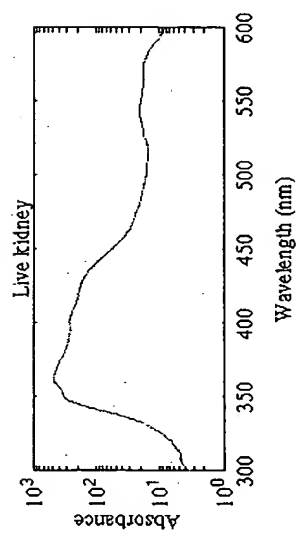
FIG. 16



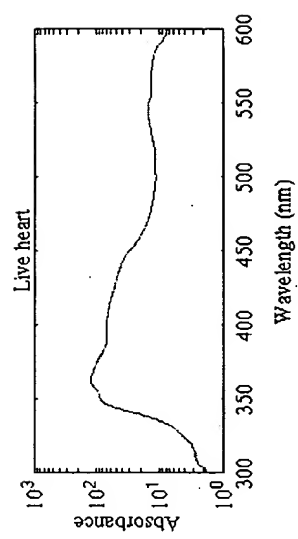
(a)



(b)



(c)



(d)

FIG. 17